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Examiner

Brian T. Pendleton

Applicant(s)

BIRCHFIELD ET AL.

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|----------|-----------|----------|-------------------------------|---------|--|---------------|--------|-------|----------|--|-----------------|-------------------------|-----|-----|----------|----------|-----------|---|---------|--------|----------|----------|---------|--|---------|
|          |           | 11       |                               |         |  |               |        |       |          |  |                 |                         |     |     |          | <u></u>  |           |   |         |        |          |          |         |  |         |
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| 1.       | ٦         | j        |                               |         |  |               |        |       |          |  |                 |                         |     |     |          |          |           |   |         |        |          |          |         |  |         |
|          |           | =        |                               |         |  |               |        |       | 51       |  |                 |                         |     |     |          | 101      |           |   |         |        |          |          |         |  |         |
|          | 2         | 4        |                               |         |  |               |        |       | 52       |  |                 |                         |     |     |          | 102      |           |   |         |        |          |          |         |  |         |
|          | 3         |          |                               |         |  |               |        |       | 53       |  | <u> </u>        |                         | - 5 |     |          | 103      |           |   |         |        |          |          |         |  |         |
|          | 4         | Ш        |                               |         |  |               |        |       | 54       |  |                 |                         |     |     |          | 104      |           |   |         |        |          |          |         |  |         |
|          | 5         | Ш        |                               |         |  |               | _44    |       | 55       |  |                 |                         |     |     |          | 105      |           |   |         | _      |          |          | _       | $\perp$  |         |
|          | 6         | Ш        |                               |         |  |               |        |       | 56       |  | $\perp$         |                         |     |     |          | 106      |           |   |         |        |          |          | $\perp$ | $\perp$  | _       |
|          | 7         | Ш        |                               |         |  | $\perp \perp$ |        |       | 57       |  | $\perp \perp$   | _                       |     | I   |          | 107      |           |   |         |        |          |          | 4       | _  | _       |
|          | 8         | 1        |                               |         |  |               | _      |       | 58       |  | $\bot$          |                         |     |     |          | 108      |           |   |         | _      | _        | _        | _       | $\dashv$   |         |
|          | 9         | Ш        |                               |         |  |               |        |       | 59       | ·  |                 |                         | [   |     |          | 109      |           | _ |         |        | $\Box$   |          | _       | _  |         |
|          | 10        | Ш        |                               |         |  | $\perp \perp$ |        |       | 60       |  |                 |                         | _   |     |          | 110      |           |   |         |        |          |          |         | _  |         |
|          | 11        | Ш        |                               |         | $\sqcup \bot$                                    | $\perp \perp$ | _      |       | 61       |  | $\perp \perp$   |                         | _   |     |          | 111      | Ш         |   |         |        |          |          | _       | _  | _       |
|          | 12        |          |                               |         |  | $\perp \perp$ |        |       | 62       |  |                 |                         |     |     |          | 112      |           | _ |         | _      | _        |          | $\perp$ | $\perp$  |         |
|          | 13        | Ш        |                               |         | $oxed{oxed}$                                     | $\perp \perp$ | Part.  |       | 63       |  | $\bot\bot$      |                         |     |     |          | 113      |           |   |         |        | $\Box$   |          |         | $\perp$  |         |
|          | 14        | Ш        |                               |         | <u> </u>   |               | 1620   |       | 64       |  | $\bot$          |                         |     |     |          | 114      | Ш         |   |         |        |          |          |         | $\perp$  |         |
|          | 15        |          |                               |         | $\sqcup \!\!\! \perp$                            | 11            |        |       | 65       | $\perp \downarrow \downarrow \downarrow$ |                 |                         | _   |     |          | 115      |           |   |         |        |          |          |         | $\perp$  |         |
|          | 16        | Ш        | $\bot$                        |         |  | 1             | 102.5  |       | 66       | $\bot \bot \bot$                         | $\perp \perp$   |                         | Щ   |     |          | 116      |           |   |         |        |          |          |         | $\dashv$   | _       |
|          | 17        | Ц        | $\rightarrow$                 |         |  |               |        |       | 67       |  |                 |                         | _   |     |          | 117      |           | _ | _       |        |          | _        | _       | $\dashv$   | _       |
|          | 18        |          | $\perp \perp \perp$           |         |  |               | _      |       | 68       |  | $\bot$          |                         |     |     |          | 118      |           | _ | _       | _      |          | _        | _       | $\perp$  | _       |
|          |           | 1        |                               |         |  |               |        |       | 69       |  |                 |                         |     |     |          | 119      |           |   | $\perp$ |        |          |          |         | $\perp$  |         |
|          |           | =        | $\perp$                       |         |  | $\perp$       |        |       | 70       |  | $\perp \perp$   |                         |     |     |          | 120      |           | _ | _       |        |          |          |         |  | _       |
|          | 21        | 1        |                               |         |  |               |        |       | 71       |  |                 |                         |     |     |          | 121      |           | _ |         |        |          |          |         |  | _       |
|          | 22        | Ш        |                               |         | Ш.   |               |        |       | 72       |  |                 |                         |     |     |          | 122      |           |   |         | i      |          |          |         | $\perp \downarrow$   |         |
|          | 23        | Ш        | $\perp$                       |         |  |               |        |       | 73       |  |                 |                         |     |     |          | 123      |           | _ | _       |        |          |          |         |  |         |
|          | 24        |          |                               |         |  |               |        |       | 74       |  | $\perp \perp$   |                         |     |     |          | 124      |           |   | _       |        |          |          |         |  |         |
|          | 25        | Ш        |                               |         |  |               | _\$4   |       | 75       |  | $\perp$         |                         |     |     |          | 125      |           |   |         |        |          |          |         |  |         |
|          | 26        | Ш        | $\perp$                       |         |  |               |        |       | 76       |  | $\perp \perp$   |                         |     |     |          | 126      |           |   |         |        |          |          |         | _  |         |
|          | 27        | Ш        |                               |         |  |               |        |       | 77       |  | $\perp \perp$   |                         |     |     |          | 127      |           |   |         |        |          | _        |         | $\dashv$   |         |
|          | 28        | Ш        |                               |         |  |               |        |       | 78       |  |                 |                         |     |     |          | 128      |           |   |         |        |          |          |         | _  | _       |
|          | 29        | Ш        |                               | $\perp$ |  |               |        |       | 79       |  | $\perp$         |                         |     |     |          | 129      |           |   |         |        |          | _        |         | _  | _       |
|          | 30        | Ш        |                               |         |  |               |        |       | 80       |  | $\perp$ $\perp$ |                         |     |     |          | 130      |           |   | _       |        |          | _        |         |  | _       |
|          | 31)       | Ш        |                               |         |  |               | 165.00 |       | 81       |  | $\perp \perp$   |                         |     |     |          | 131      |           |   |         |        |          | $\Box$   |         | _  |         |
|          | 32        | Ш        | $\perp$                       |         | oxdot  | $\perp \perp$ |        |       | 82       |  | $\perp \mid$    |                         |     |     |          | 132      |           |   |         |        |          |          |         | $\perp \!\! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! $ | $\Box$  |
|          | 33        |          | $\perp$                       | _       | <del>                                     </del> | 1             |        |       | 83       |  |                 |                         |     |     |          | 133      |           |   |         |        |          |          |         | $\dashv$   |         |
|          | 34<br>35) | Ш        |                               | _       | $\sqcup \!\!\! \perp$                            | $\perp \perp$ | _      |       | 84       |  | $\perp \perp$   | $\sqcup \sqcup$         | Ш   |     |          | 134      | $\sqcup$  |   |         |        | _        | _        | _       | _  | $\perp$ |
|          | 35)       | Ш        | $\dashv$                      |         | <del>                                     </del> | 4-4-          |        |       | 85       |  | $\perp \perp$   | $\sqcup \sqcup$         | Ш   |     | L        | 135      | Щ         |   |         |        |          |          | _       | 4  | $\perp$ |
|          | 36        | Ш        |                               |         | $\sqcup \!\!\! \perp$                            | $\bot\bot$    | -      |       | 86       |  | $\bot$          | $\sqcup \sqcup$         | Щ   |     |          | 136      |           |   |         |        | `        | _        | _       | $\dashv$   |         |
|          | 37        | Ш        | $\perp$                       |         | $\sqcup \bot$                                    | $\perp$       | 45     |       | 87       |  | +               |                         | Ш   |     |          | 137      | $\square$ | _ |         |        |          | _        | _       | _  | 4       |
| ļ,       | 38        | Ш        | $\perp \downarrow \perp$      |         | $\sqcup \bot$                                    | $\bot\bot$    |        |       | 88       |  | 4.4             | <b> </b>                |     |     | <u> </u> | 138      | Ш         |   |         |        |          |          | _       | _  | _       |
| <u> </u> | 39)       | *        |                               |         |  | $\bot$        | 40     |       | 89       |  | $\bot \bot$     | $\perp \perp \mid$      |     |     |          | 139      |           |   |         |        |          |          | _       | $\dashv$   | _       |
| K        |           | 7.1      |                               |         | 1  | $\perp$       | 4.5    |       | 90       |  | $\perp \perp$   | $\sqcup \sqcup$         | Щ   |     |          | 140      |           |   |         |        |          | _        |         | $\dashv$   | _       |
|          | 41        | Ш        |                               |         | $\vdash \vdash$                                  | 4-4-          | 4      |       | 91       |  | _ _ _           | $\sqcup \sqcup$         |     |     |          | 141      | $\square$ |   |         |        | _        | _        | _       | $\dashv$   | _       |
|          | 42        | Ш        | $\dashv$                      |         | Ш.   |               |        |       | 92       |  | +               |                         |     | 1   |          | 142      | Ш         |   |         | Щ      |          |          | _       |  | _       |
|          | 43        | $\sqcup$ | $\dashv$                      |         | $\perp \perp$                                    | 1-1           | 40     |       | 93       |  | $\perp \perp$   | $\perp \mid \perp \mid$ |     |     |          | 143      |           | _ | _       | `      | $\dashv$ | $\dashv$ | _       | $\dashv$   | _       |
|          | 44        | Ш        |                               |         | - -  | $\perp \perp$ |        |       | 94       |  | + +             |                         |     |     |          | 144      | $\sqcup$  |   |         | $\Box$ |          | _        | _       | $\dashv$   |         |
|          | 45        |          |                               |         | $\vdash \vdash$                                  | $\perp \perp$ | 16     |       | 95       | $\square$                                | $\bot\bot$      | $\perp \perp$           |     |     |          | 145      |           | _ |         |        |          | _        |         | $\dashv$   | _       |
|          | 46        | Ш        |                               |         | $\perp \perp$                                    | $\bot\bot$    | 400    |       | 96       |  | $\perp \perp$   | $\perp \perp \perp$     |     |     |          | 146      |           |   |         |        | _        | _        | _       | $\dashv$   | _       |
|          | 47        |          |                               |         | $\sqcup$   | $\bot\bot$    |        |       | 97       |  |                 | $oxed{oxed}$            |     |     |          | 147      | $\square$ |   |         |        |          |          | 4       |  |         |
|          | 48        |          | $\bot\bot\bot$                |         |  | $\perp \perp$ |        |       | 98       |  |                 | $\sqcup \sqcup$         | Ш   |     | L        | 148      |           | _ |         |        |          | _        |         | 4  |         |
|          | 49        |          | $\perp \downarrow \downarrow$ |         |  | ++            | 4      |       | 99       |  | $\bot \bot$     |                         |     |     |          | 149      |           |   |         |        |          |          |         | $\dashv$   | $\Box$  |
|          | 50        |          |                               |         | LL.  |               |        |       | 100      |  | $\perp \perp$   |                         |     | - 1 | L        | 150      |           |   |         |        |          |          | _1      | $\bot$   |         |